

Title (en)
AUTOMATIC PROXIMITY FAUCET

Title (de)
AUTOMATISCHER SENSORWASSERHAHN

Title (fr)
ROBINET DE PROXIMITÉ AUTOMATIQUE

Publication
EP 1851389 A1 20071107 (EN)

Application
EP 06734553 A 20060208

Priority
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• US 6754905 A 20050225

Abstract (en)
[origin: US2005199843A1] A hands-free faucet includes a sensing plate, a capacitor-based sensor circuit, a non-conductive valve housing, a non-conductive seating ring, and a conductive connector. Preferably, the capacitor-based sensor circuit is electrically connected to said sensing plate. Furthermore, the non-conductive valve housing preferably further comprises a valve inlet and valve outlet. Preferably, said non-conductive seating ring is located between the valve inlet and valve outlet, and is traversed by the conductive connector. In a preferred embodiment, the conductive connector is a metal pin.

IPC 8 full level
E03C 1/04 (2006.01); **E03C 1/05** (2006.01)

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